

Hot and Humid Conditions Continue Today and Friday...



OVERVIEW

- Hot and humid conditions will continue across much of the area through Friday.
- Heat advisories have been expanded in area and time.
- A trough brings a chance of strong to severe thunderstorms this afternoon and evening for some areas.

HAZARDS & IMPACTS

- Heat** – Max heat indices mostly around 100 today and 95-100 on Friday.
- Timing** – Afternoon and early evening today, then again Friday afternoon.
- Impacts** – There is an increased risk of heat-related illness for vulnerable populations with this event.
- An isolated strong to severe thunderstorm threat exists for this afternoon and evening (primarily NW of NYC), with the primary threat being strong to damaging wind gusts. Large hail is possible as well.



Heat Alerts



Graphic Created
September 7th, 2023
4:21 AM EDT

NWS ALERTS

- A Heat Advisory** remains in effect **through 8 pm this evening** for much of the area (excluding Eastern Suffolk County, LI and coastal SE CT.).
- The Heat Advisory** has been extended to include Friday afternoon for NYC, Northeast NJ, as well as Rockland and Westchester Counties.

UNCERTAINTY

- The advisory may be extended into Friday for some other locations if forecast temperatures and/or dewpoints trend upwards. There is also a chance that heat indices remain under 95 degrees for a few locations currently in the advisory area for Friday.

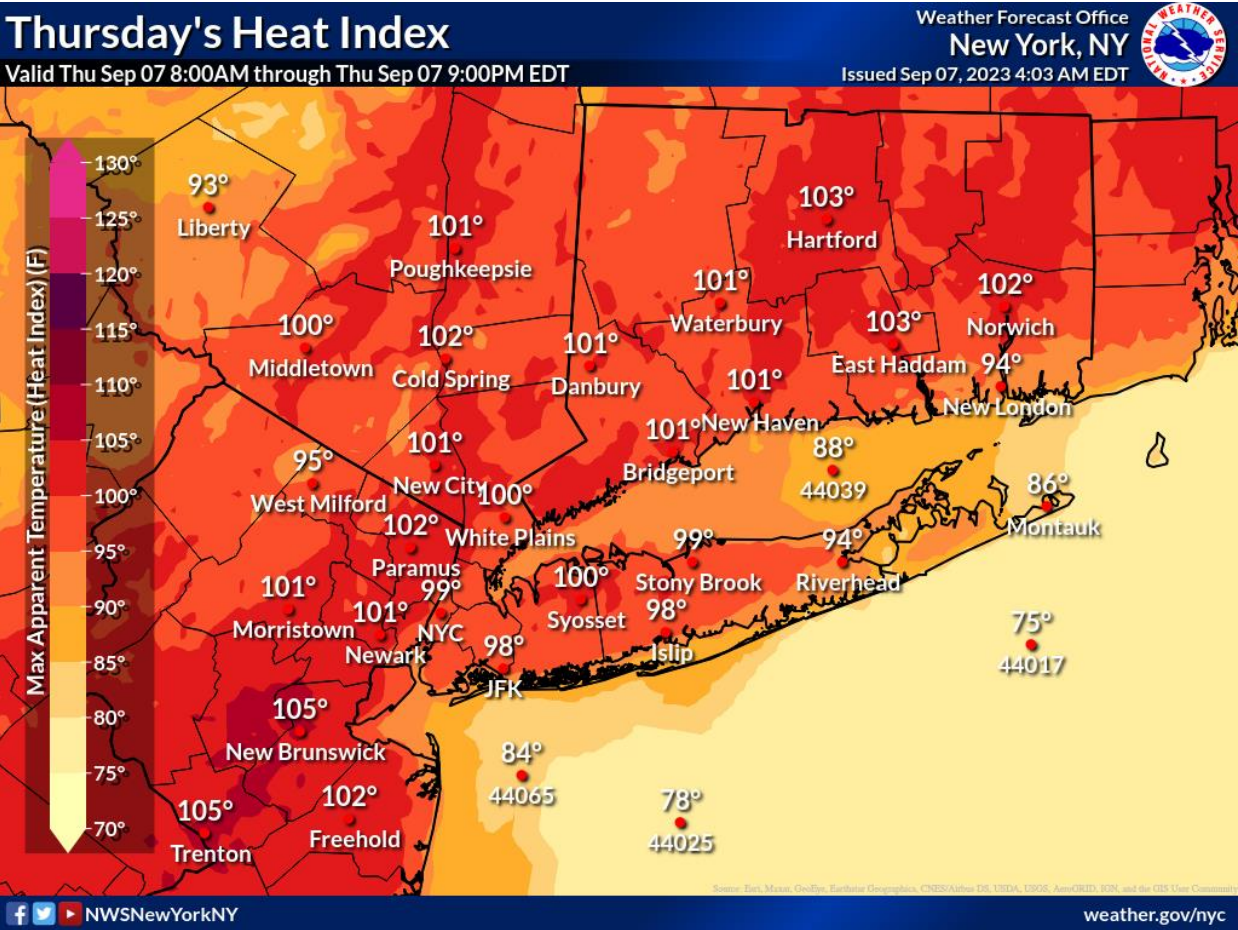
NEXT BRIEFING

- By 6pm today.

Heat Indices For Today and Friday...



New York, NY
WEATHER FORECAST OFFICE



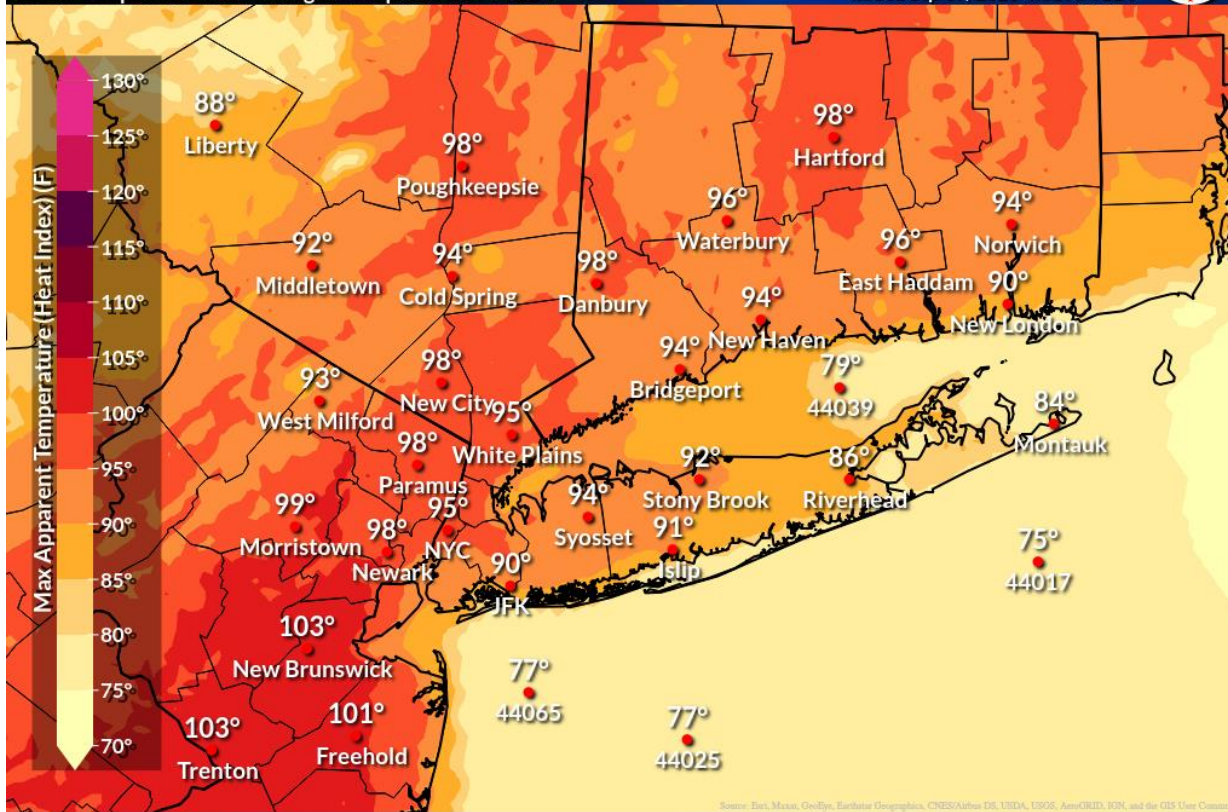


Friday's Heat Index

Valid Fri Sep 08 8:00AM through Fri Sep 08 9:00PM EDT

Weather Forecast Office
New York, NY

Issued Sep 07, 2023 4:01 AM EDT



Source: Data, Mapbox, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

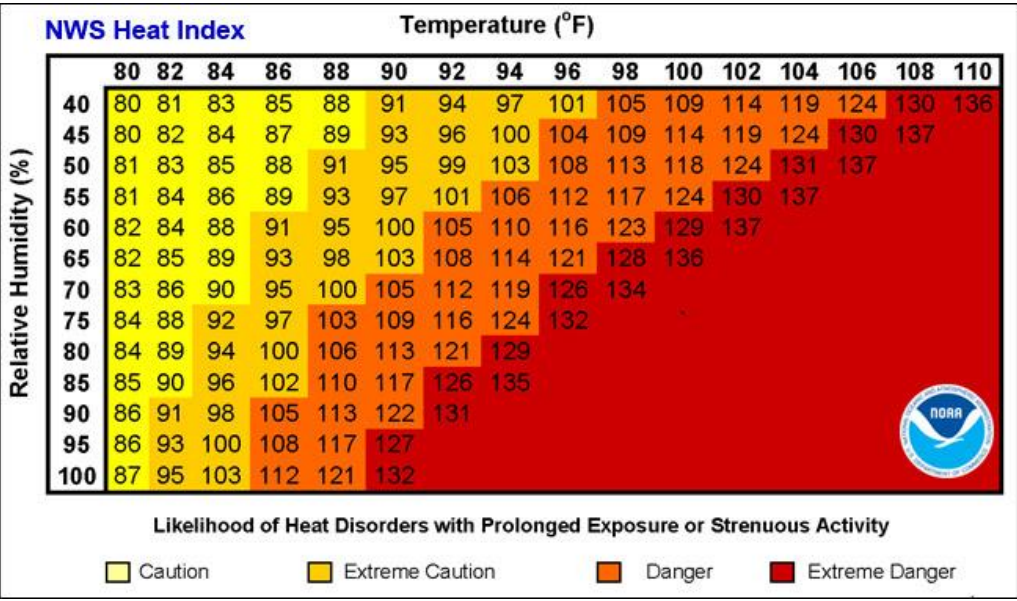
NWSNewYorkNY

[weather.gov/nyc](https://www.weather.gov/nyc)

NWS Heat Index and Effects...



The heat index is a measure of how hot it really feels when relative humidity is factored in with air temperature. You can use this chart to find the heat index yourself. For more information on Heat Safety, please go to:
<https://www.weather.gov/safety/heat>



Classification	Heat Index	Effect on the body
Caution	80°F - 90°F	Fatigue possible with prolonged exposure and/or physical activity
Extreme Caution	90°F - 103°F	Heat stroke, heat cramps, or heat exhaustion possible with prolonged exposure and/or physical activity
Danger	103°F - 124°F	Heat cramps or heat exhaustion likely, and heat stroke possible with prolonged exposure and/or physical activity
Extreme Danger	125°F or higher	Heat stroke highly likely